Fisa de Verificare- Conf. Dr. DARABANT Sergiu Adrian

Verificare standarde minimale CNATDCU (Ordin 6.129_2016)

Perspectiva a) Etica Cercetarii	Am respectat etica cercetarii		
Perspectiva b) Productia stiintifica			

Perspectiva b)	Necesar Profesor/CSI/Abilitare	Realizat	Criteriu Indeplinit
Punctaj (categorii A*, A, B, C)	56	**93.07**	**DA**
	A* + A >=24	**36.00**	**DA**
Praguri	A* + A +B >=40	**85**	**DA**

Perspectiva c) Impactul rezultatelor			
Perspectiva c)	Necesar Profesor/CSI/Abilitare	Realizat	Criteriu Indeplinit
Punctaj	120	**408.85**	**DA**
Praguri	A*+A+B>=40	**228.20**	**DA**

Perspectiva d) Performanta Academica	Necesar Profesor/CSI/Abilitare	Realizat	Criteriu Indeplinit
Valori	60	**113.5**	**DA**
Praguri	Minim un proiect cu echipa de cel putin 2 membri obtinut prin competitie la nivel national sau international	**DA -AT 2006 - Cercetari privind modelarea si construirea unui sistem de informatii distribuit cu puncte mobile in medii wireless cu comunicare intermitenta, cncsis at nr 67 , 2006-2007, echipa 3 membri**	**DA**

Perspectiva B - Publicatii

REVISTE

Nr Crt	Titlu Lucrare/Articol	Revista Forum	An	Nr Autori	Categoria	Punctaj
1	Darabant Sergiu Adrian, DARABANT Laura , Clustering methods in data fragmentation , Science_Citation_Expanded, INFORMATION AND SOFTWARE TECHNOLOGY, 14, No 1 , 2011, P.81 - 97	ROMANIAN JOURNAL OF INFORMATION AND SOFTWARE TECHNOLOGY	2011	2	C	2.00
2	Darabant, L. and Plesa, M. and Micu, D.D. and Stet, D. and Ciupa, R. and Darabant, A,Energy Efficient Coils for Magnetic Stimulation of Peripheral Nerves, Science_Citation_Expanded, IEEE TRANSACTIONS ON MAGNETICS, 45, 2009, P.35 - 38	IEEE TRANSACTIONS ON MAGNETICS	2009	6	B	1.00
3	DARABANT Laura, Cretu, M., Darabant Sergiu Adrian, Magnetic Stimulation of the Spinal Cord: Experimental Results and Simulations, Science_Citation_Expanded, IEEE TRANSACTIONS ON MAGNETICS, 49, 2013, P.1845 - 1848	IEEE TRANSACTIONS ON MAGNETICS	2013	3	B	4.00
4	CRET Octavian, Darabant Sergiu Adrian, Zsolt Mathe, CIOBANU Paul, MARGINEAN Sonia, A Hardware Algorithm for The Exact Subsequence Matching Problem in DNA Strings , Science_Citation_Expanded, INFORMATION AND SOFTWARE TECHNOLOGY, 12, 1 , 2009, P.35 - 38	ROMANIAN JOURNAL OF INFORMATION AND SOFTWARE TECHNOLOGY	2009	5	C	0.67
5	BORZA Diana Laura , Darabant Sergiu Adrian, DaNESCU Radu, Eyeglasses Lens Contour Extraction from Facial Images Using an Efficient Shape Description , Science_Citation_Expanded, SENSORS, 13 , 2013, P.13638 - 13658	Sensors MDPI (impact Factor 2008-2012: 2.395)	2013	3	A	8.00
6	Mihaela Cretu, Adrian Darabant, Radu V Ciupa, Magnetic Stimulation of the Spinal Cord: Evaluating the Characteristics of an Appropriate Stimulator, Artificial Organs, Vol 39, Issue 10, p 841-848, 2015.	Artificial Organs	2015	3	B	4.00
7	Diana Laura Borza, Adrian Sergiu Darabant, Radu Gabriel Danescu, Real-Time Detection and Measurement of Eye Features from Color Image, Sensors MDPI, Vol 16,pp: 24, 2016 .	Sensors MDPI (impact Factor 2008-2012: 2.395)	2016	3	A	8.00
8	Diana Borza, Radu Danescu, Razvan Itu, Adrian Sergiu Darabant, High-speed video system for micro-expression detection and recognition, Sensors MDPI, pp:19, 17(12), 2913, doi:10.3390 /s17122913, 2017	Sensors MDPI	2017	4	A	4.00
9	Nistor, S.C.; Ileni, T.A.; Dărăbant, A.S. Automatic Development of Deep Learning Architectures for Image Segmentation. Sustainability 2020, 12, 9707, ISSN: 2071-1050, https://doi.org/10. 3390/su12229707	SUSTAINABILITY	2020	3	B	4.00
10	Darabant AS, Borza D, Danescu R. Recognizing Human Races through Machine Learning—A Multi-Network, Multi-Features Study. Mathematics. 2021; 9(2):195, https://doi.org/10. 3390/math9020195	MATHEMATICS	2021	3	A	8.00

CONFERINTE

Nr Crt	Titlu Lucrare/Articol	Revista Forum	An	Nr Autori	Categoria	Punctaj
1	Adrian Sergiu Darabant, Alina Campan, Semi-supervised learning techniques: k-means clustering in OODB Fragmentation, IEEE International Conference on Computational Cybernetics, pag 333-338, 2004, Viena.	ICCC	2004	2	C	2.00

2	O Cret, S Mathe, B Szente, Z Mathe, C Vancea, F Rusu, A Darabant, Fpga-based scalable implementation of the general smith-waterman algorithm, Iasted Int'l Conf. Parallel and Distrib. Comput. Systems (PDCS), 2004, p. 410-415	PDCS	2004	7	C	0.40
3	Diana Laura Borza, Radu Gabriel Danescu, Adrian Sergiu Darabant, Eyeglasses contour extraction using genetic algorithm, 2015 IEEE International Conference on Intelligent Computer Communication and Processing (ICCP), 2015, Cluj Napoca, Romania, p 327-333.	ICCP 2015	2015	3	C	2.00
4	R Danescu, Diana Borza, Adrian Sergiu DARABANT, Fast Eye Tracking and Feature Measurement Using a Multi-Stage Particle Filter, in International Conference on Computer Vision Theory and Applications, pp:258-265, doi: 10.5220/0006130202580265, ISBN: 978-989-758-226-4, VISAPP 2017	VISAPP 2017	2017	3	B	4.00
5	Adrian Sergiu Darabant, Leon Tambulea, Viorica Varga, Access Patterns Optimization in Distributed Databases Using Data Reallocation, 28th International Conference on Database and Expert Systems Applications DEXA 2017, Part I, LNCS 10438, pp. 178–186, DOI: 10.1007/978-3-319-64468-4 14, ISBN: 978-3-319-64467-7, 2017	DEXA 2017	2017	3	B	4.00
6	Diana Borza,Sergiu Cosmin Nistor,Adrian Sergiu Darabant, Towards automatic skin tone classification in facial images, 19th International Conference on Image Analysis and Processing, Part II, LNCS 10485, pp:299-309, https://doi.org/10.1007/978-3-319-68548-9_28, ICIAP 2017	ICIAP 2017	2017	3	B	4.00
7	Sergiu Cosmin Nistor, Alexandra-Cristina Marina,Adrian Sergiu Darabant,Diana Borza,Automatic gender recognition for "in the wild" facial images using convolutional neural networks, 13th IEEE International Conference on Intelligent Computer Communication and Processing, ICCP2017, DOI: 10.1109/ICCP.2017.8117018, Cluj Napoca, Romania	ICCP 2017	2017	4	C	1.00
8	Adrian Sergiu Darabant, Viorica Varga and Leon Tambulea, A Linear Approach to Distributed Database Optimization Using Data Reallocation, 25th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2017), DOI: 10.23919/SOFTCOM.2017.8115503, ISBN: 978-953-290-078-1, Split, Croatia, pag 20-28	SoftCOM 2017	2017	3	B	4.00
9	Diana Borza, Adrian Darabant and Radu Danescu, AUTOMATIC SKIN TONE EXTRACTION FOR VISAGISM APPLICATIONS, 13th International Conference on Computer Vision Theory and Applications, VISAPP 2018, ISBN: 978-989-758-290-5, pp:466-473, DOI: 10.5220 /0006711104660473, 2018	VISAPP 2018	2018	3	B	4.00
10	Sergiu Cosmin Nistor, Adrian Sergiu Darabant, Diana Borza, Micro-Expressions Detection Based on Micro-Motions Dense Optical Flows, 26th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2018), DOI:10.23919/SOFTCOM. 2018.8555833 , Split, Croatia	SoftCOM 2018	2018	3	B	4.00
11	Diana Borza, Tudor Ileni, and Adrian Darabant, A deep learning approach to hair segmentation and color extraction from facial images, Advanced Concepts for Intelligent Vision Systems. ACIVS 2018, DOI: 10.1007/978-3-030-01449-0_37, ISBN:978-3-030-01449-0, pp 438-449.	ACIVS 2018	2018	3	B	4.00

12	Tudor Ileni, Diana Borza, Adrian Sergiu DARABANT, Fast In-the-Wild Hair Segmentation and Color Classification, 14th International Conference on Computer Vision Theory and Applications, VISAPP 2019, ISSN: 2184-4321, ISBN: 978-989-758-354-4, DOI: 10.5220/0007250500590066	VISAPP 2019	2019	3	B	4.00
13	Alexandru I. Marinescu, Tudor Alexandru Ileni, Adrian Sergiu Darabant, A Versatile 3D Face Reconstruction from Multiple Images for Face Shape Classification, 27th International Conference on Software, Telecommunications and Computer Networks (SOFTCOM2019), pp. 1-6, DOI: 10.23919/SOFTCOM.2019.8903745, ISSN: 1847-358X	SOFTCOM 2019	2019	3	B	4.00
14	Alexandru Marinescu, Adrian-Sergiu Dărăbant, Tudor-Alexandru Ileni, Optimal Stereo Camera Calibration via Genetic Algorithms, International Joint Conference on Artificial Intelligence, IJCAI 2021, Artificial Intelligence for Autonomous Driving AI4AD Workshop, 2021, Montreal	IJCAI 2021	2021	3	A	8.00
15						
					Total	93.07

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
1	**Adrian Sergiu Darabant, Alina Campan, Semi-supervised learning techniques: k-means clustering in OODB Fragmentation, IEEE International Conference on Computational Cybernetics, pag 333-338, 2004, Viena.**	2	**26**		C	
	Hadj Mahboubi and Jérôme Darmont. 2008. Data mining-based fragmentation of XML data warehouses. In Proceedings of the ACM 11th international workshop on Data warehousing and OLAP (DOLAP '08). ACM, New York, NY, USA, 9-16. DOI=10.1145/1458432.1458435 http://doi.acm.org/10.1145/1458432.1458435		B	4.00	C	http://dl.acm.org/citation.cfm?id=1458435
	Alfredo Cuzzocrea,Jerome Darmont,Hadj Mahboubi,Fragmenting very large XML data warehouses via K-means clustering algorithm,International Journal of Business Intelligence and Data Mining, Volume 4, pp 301-328, 2009		D	1.00	C	http://inderscience.metapress.com/index/N1N3M749011621H6.pdf
	D.I. George Amalarethinam, C. Balakrishnan, A Study on Performance Evaluation of Peer-to-Peer Distributed Databases, IOSR Journal of Engineering, Vol. 2(5) pp: 1168-1176, 2012		D	1.00	C	http://www.iosrjen.org/Papers/vol2_issue5/AQ2511681176.pdf
	Bouakkaz, M. and Ouinten, Y. and Ziani, B, Vertical fragmentation of data warehouses using the FP-Max algorithm,International Conference on Innovations in Information Technology (IIT), pp:273-276, 2012		D	1.00	C	http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6207746&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6207746
	Benameur Ziani, Mustapha Bouakkaz and Youcef Ouinten, A Maximal Frequent Itemsets based approach for vertical partitioning, Fourth International Symposium, pp:100-105, 2011 on Innovation in Information & Communication Technology, 2011		D	1.00	C	http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=06149614
	Marwa F. F. Areed, Ali I.El-Dosouky, Hesham A. Ali, A Heuristic Approach for Horizontal Fragmentation and Allocation in DOODB, International Conference on Informatics and Systems, 2008		D	1.00	C	http://infos2008.fci.cu.edu.eg/infos/DB_02_P009-016.pdf
	Mallick, Sourendranath, Efficient Fragmentation Algorithm For Distributed Database Design, thesis, 2012		D	1.00	C	http://dspace.jdvu.ac.in/handle/123456789/20379
	Tomaszewski, K. , Object-Oriented Databases - Review of Development Directions, Biuletyn Instytutu Systemów Informatycznych, pp: 53-61, ISSN 1508-4183, 2012		D	1.00	C	http://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-article-BWA0-0055-0013
	Soumia Benkrid, Ladjel Bellatreche, Alfredo Cuzzocrea, A Global Paradigm for Designing Parallel Relational Data Warehouses in Distributed Environments, Transactions on Large-Scale Data- and Knowledge-Centered Systems XV Lecture Notes in Computer Science 2014, pp 64-101		C	2.00	C	http://link.springer.com/chapter/10.1007/978-3-662-45761-0_3

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	K Tomaszewski,Clustering method based on the analysis of the access request stream in object-oriented databases,Biuletyn Instytutu Systemów Informatycznych, pp 45-50, ISSN 1508-4183, 2014		D	1.00	C	http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-07e62727-55da-4216-a080-9f67100a9566
	Şerban, Gabriela, Câmpan, Alina, Hierarchical Adaptive Clustering, Informatica, vol 19, No1, pp 101-112, 2008		B	4.00	J	https://content.iospress.com/articles/informatica/inf19-1-07
	Alina Campan and Gabriela Serban, Adaptive Clustering Algorithms, Lecture Notes in Computer Science, vol 4013, pp 407-418, 2006		C	2.00	J	https://link.springer.com/chapter/10.1007/11766247_35
	Hongyu Zhu, Xizhao Wang, A cost-sensitive semi-supervised learning model based on uncertainty, in Neurocomputing, vol 251, pp 106-114, 2017		A	8.00	J	https://doi.org/10.1016/j.neucom.2017.04.010
	DIG Amalarethinam, C Balakrishnan, HAADAS: An enhanced approach for Re-allocation of Fragments in Peer-to-Peer Distributed Databases, International Journal of Applied Engineering Research, Vol 10 No 82, pp: 315-320, 2015		D	1.00	J	https://www.ripublication.com/Volume/ijaerv10n82spl.htm
	Benkrid, Soumia. Le déploiement, une phase à part entière dans le cycle de vie des entrepôts de données: application aux plateformes parallèles. Diss. Chasseneuil-du-Poitou, Ecole nationale supérieure de mécanique et d'aérotechnique, 2014. (teza doctorat)		D	1.00	C	https://tel.archives-ouvertes.fr/tel-01127551/
2	Adrian Sergiu Darabant, Alina Campan, Octavian Cret,, Hierarchical clustering in object oriented data models with complex class relationships, 8th IEEE International Conference on Intelligent Engineering Systems, pp:307-312, 2004	3	16		C	
	D.I. Amalarethinam, C. Balakrishnan, A Study on Performance Evaluation of Peer-to-Peer Distributed Databases, IOSR Journal of Engineering, pp: 1168-1176, Vol 2(5), 2012		D	1.00	C	http://www.iosrjen.org/Papers/vol2_issue5/AQ2511681176.pdf
	D Chooramani, D.K. Pandey, Intensify the I/O Performance of OODBS by Collaboration between Clustering and Buffer Replacement, Journal of Pure and Applied Science & Technology, pp.9-22, Vol. 1(2), Oct 2011		D	1.00	C	http://nlss.org.in/wp-content/uploads/2011/10/Paper-2-Oct-11.pdf
	D. Chooramani,D.K. Pandey, Intensify the I/O Performance of OODBS by Collaboration between Opportunism and Prioritization, Journal of Pure and Applied Science & Technology, pp. 23-38, Vol. 3(1), 2013		D	1.00	C	http://nlss.org.in/wp-content/uploads/2013/01/JPAST-Vol.-3_1_-Jan-13-3.pdf
	K Tomaszewski,Clustering method based on the analysis of the access request stream in object-oriented databases,Biuletyn Instytutu Systemów Informatycznych, pp 45-50, ISSN 1508-4183, 2014		D	1.00	C	http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-07e62727-55da-4216-a080-9f67100a9566
	Şerban, Gabriela, Câmpan, Alina, Hierarchical Adaptive Clustering, Informatica, vol 19, No1, pp 101-112, 2008		B	4.00	J	https://content.iospress.com/articles/informatica/inf19-1-07

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Alina Campan and Gabriela Serban, Adaptive Clustering Algorithms, Lecture Notes in Computer Science, vol 4013, pp 407-418, 2006		C	2.00	J	https://link.springer.com/chapter/10.1007/11766247_35
	DIG Amalarethinam, C Balakrishnan, HAADAS: An enhanced approach for Re-allocation of Fragments in Peer-to-Peer Distributed Databases, International Journal of Applied Engineering Research, Vol 10 No 82, pp: 315-320, 2015		D	1.00	J	https://www.ripublication.com/Volume/ijaerv10n82spl.htm
3	ADRIAN SERGIU Darabant, ALINA Campan, A Navroschi-Szasz, Optimal Class Fragmentation Ordering in Object Oriented Databases, Studia Universitatis Babes Bolyai Informatica, pp:45-54, Vol 49, 2004	3	**8**		J	
	Sylvain Kubler, Premiers travaux relatifs au concept de matière communicante: Processus de dissémination des informations relatives au produit, These de Doctorat, Université Henri Poincaré - Nancy I - 07/12/2012,		D	1.00	J	http://tel.archives-ouvertes.fr/tel-00759600/
4	A. S. Darabant, A. Campan, AI clustering techniques: a new approach to object oriented database fragmentation, Proceedings of the 8th IEEE International Conference on Intelligent Engineering Systems, pp: 73-78, 2004	2	**9**		C	
	D.I. Amalarethinam, C. Balakrishnan, A Study on Performance Evaluation of Peer-to-Peer Distributed Databases, IOSR Journal of Engineering, pp: 1168-1176, Vol 2(5), 2012		D	1.00	C	http://www.iosrjen.org/Papers/vol2_issue5/AQ2511681176.pdf
	Şerban, Gabriela, Câmpan, Alina, Hierarchical Adaptive Clustering, Informatica, vol 19, No1, pp 101-112, 2008		B	4.00	J	https://content.iospress.com/articles/informatica/inf19-1-07
	Alina Campan and Gabriela Serban, Adaptive Clustering Algorithms, Lecture Notes in Computer Science, vol 4013, pp 407-418, 2006		C	2.00	J	https://link.springer.com/chapter/10.1007/11766247_35
	DIG Amalarethinam, C Balakrishnan, HAADAS: An enhanced approach for Re-allocation of Fragments in Peer-to-Peer Distributed Databases, International Journal of Applied Engineering Research, Vol 10 No 82, pp: 315-320, 2015		D	1.00	J	https://www.ripublication.com/Volume/ijaerv10n82spl.htm
5	CRET O., Darabant A., Z. Mathe, CIOBANU P., MARGINEAN S., A hardware algorithm for the exact subsequence matching problem in DNA strings, INFORMATION AND SOFTWARE TECHNOLOGY, 12, 1 , 2009, P.35 - 38, SCIENCE AND TECHNOLOGY	5	**11**		J	
	Fernandez, E. , Najjar, W. and Harris, E. and Lonardi, S, Exploration of short reads genome mapping in hardware, 2010 International Conference on Field Programmable Logic and Applications, pp 360-363, 2010		D	0.33	J	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5694277

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Olson, C.B.; Kim, M.; Clauson, C.; Kogon, B.; Ebeling, C.; Hauck, S.; Ruzzo, W.L., "Hardware Acceleration of Short Read Mapping," Field-Programmable Custom Computing Machines (FCCM), 2012 IEEE 20th Annual International Symposium on , vol., no., pp.161,168, April 29 2012-May 1 2012		A	2.67	J	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6239809
	Brossard, E.; Richmond, D.; Green, J.; Ebeling, C.; Ruzzo, L.; Olson, C.; Hauck, S., "A Model for Programming Data-Intensive Applications on FPGAs: A Genomics Case Study," Application Accelerators in High Performance Computing (SAAHPC), 2012 Symposium on , vol., no., pp.84,93, 10-11 July 2012		D	0.33	J	http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6319194&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxpls%2Fabs_all.jsp%3Farnumber%3D6319194
	Nocq, Julie and Celton, Magalie and Gendron, Patrick and Lemieux, Sebastien and Wilhelm, Brian T, Harnessing Virtual Machines to simplify next generation DNA sequencing analysis,BioInformatics, 2013		A	2.67	J	BionInformatics
	E Brossard, D Richmond, J Green, C Ebeling, L Ruzzo, A Data-Intensive Programming Model for FPGAs: A Genomics Case Study, Symposium on Application Accelerators in High-Performance Computing, 2012		D	0.33	J	http://reeves.ee.washington.edu/people/faculty/hauck/publications/ElanSAAHPC.pdf
	L. Darabant, M. Cretu, D. Rafiroiu and R. Ciupa, "Evaluating the efficiency of stimulators used in magnetic stimulation of the spinal cord," 2015 9th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucharest, pp. 275-280. doi: 10.1109/ATEE.2015.7133779, 2015		D	0.33	C	http://ieeexplore.ieee.org/abstract/document/7133779/
	H. C. Ng, S. Liu and W. Luk, "Reconfigurable acceleration of genetic sequence alignment: A survey of two decades of efforts," 2017 27th International Conference on Field Programmable Logic and Applications (FPL), Ghent pp. 1-8. doi: 10.23919/FPL.2017.8056838, 2017		D	0.33	C	http://ieeexplore.ieee.org/abstract/document/8056838/
	Adrien Prost-Boucle, FRédéric Pétrot, Vincent Leroy, and Hande Alemdar. Efficient and Versatile FPGA Acceleration of Support Counting for Stream Mining of Sequences and Frequent Itemsets. ACM Trans. Reconfigurable Technol. Syst. 10, 3, Article 21 (May 2017), 25 pages. DOI: https://doi.org/10.1145/3027485, 2017		C	0.67	C	https://dl.acm.org/citation.cfm?id=3027485
	Christoph Bock,Thomas Lengauer, Computational epigenetics, BioInformatics, Vol24 No1 , 2008, pp 1-10, doi:10.1093/bioinformatics/btm546,2008		A	2.67	J	http://users.umiacs.umd.edu/~hcorrada/CMSC702/readings/epigenetics_bock.pdf
	Sameh W. AsaadRobert J. HalsteadBharat Sukhwani, Data filtering using a plurality of hardware accelerators, US Patent US10387403B2, 2019		D	0.33	J	https://patents.google.com/patent/US10387403B2/en
6	**Darabant Sergiu Adrian, A new approach in fragmentation of distributed object oriented databases using clustering techniques, STUDIA UNIVERSITATIS BABES-BOLYAI. INFORMATICA, Categ CNCSIS B+, Vol L, Number 2, 2005, P.91 - 106**	1	**7**		J	

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	D.I. George Amalarethinam, C. Balakrishnan, A Study on Performance Evaluation of Peer-to-Peer Distributed Databases, IOSR Journal of Engineering, Vol. 2(5) pp: 1168-1176, 2012		D	1.00	J	International Journal of Research & Reviews in Computer Science
	Marwa F. F. Areed, Ali I.El-Dosouky, Hesham A. Ali, A Heuristic Approach for Horizontal Fragmentation and Allocation in DOODB, International Conference on Informatics and Systems, 2008		D	1.00	J	http://infos2008.fci.cu.edu.eg/infos/DB_02_P009-016.pdf
	Mallick, Sourendranath, Efficient Fragmentation Algorithm For Distributed Database Design, thesis, 2012		D	1.00	J	http://dspace.jdvu.ac.in/handle/123456789/20379
	Sandhya Harikumar ; Raji Ramachandran, Hybridized fragmentation of very large databases using clustering, 2015 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), DOI: 10.1109/SPICES. 2015.7091488 , 2015		D	1.00	C	https://ieeexplore.ieee. org/abstract/document/7091488/references
	D.I. George Amalarethinam, C. Balakrishnan, A Survey on Peer-to-Peer Real Time Object Databases, International Journal of Research and Reviews in Computer Science (IJRRCS), Vol 1, No 4, pp:8-15, 2010		D	1.00	J	https://www.researchgate. net/profile/George_Amalarethinam/publication/26 6219127_A_Survey_on_Peer-to-Peer_Real_Time_Object_Databases/links/54c359fa 0cf256ed5a91340a.pdf
	P ADEWOLE, RO SULAIMON, A DESIGN OF AN OBJECT-ORIENTED DATABASE FOR EFFECTIVE DATA MINING,Journal of Natural Sciences Engineering and Technology, Vol 10 No 1 (2011)		D	1.00	J	http://www.journal.unaab.edu.ng/index. php/JNSET/article/view/1246
	Van Nghia Luong, Van Son Le, Van Ban Doan, Fragmentation in Distributed Database Design Based on KR Rough Clustering Technique, International Conference on Context-Aware Systems and Applications, pp 166-172 , 2017		D	1.00	C	https://link.springer.com/chapter/10.1007/978-3-319-77818-1_16
	AI El-Dosouky, APDHA Ali, EMFF Areed, A Heuristic Approach for Horizontal Fragmentation and Allocation in DOODB,INFOS 2008, pp9-16, 2008		D	1.00	C	https://pdfs.semanticscholar. org/e943/6813b1c1299b558b3d38179e58ed46830 572.pdf
	Milena Malysheva, Ivan Prymak, Evaluation of Unsupervised and Reinforcement Learning approaches for Horizontal Fragmentation, Databases and Software Engineering Workgroup, University of Magdeburg, Msc Thesis, 2019		D	1.00		https://wwwiti.cs.uni-magdeburg. de/iti_db/publikationen/horizontal2019.pdf
7	Darabant, L. and Plesa, M. and Micu, D.D. and Stet, D. and Ciupa, R. and Darabant, A,Energy Efficient Coils for Magnetic Stimulation of Peripheral Nerves, Science_Citation_Expanded, IEEE , IEEE Transactions on Magnetics 45 (3), 1690-1693	6	**12**		J	

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Marcílio Feitosa, CONTRIBUIÇÕES PARA O PROJETO DE ESTIMULADORES MAGNÉTICOS, UNIVERSIDADE FEDERAL DE PERNAMBUCO, 2009,		D	0.25	J	http://www.contabeis.ufpe.br/ppgee/images/PDF/marcilio.pdf
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	Syahmi Syahiran Ahmad Ridzuan, Zaid Omar, Usman Ullah Sheikh, A Review of Content-Based Video Retrieval Techniques for Person Identification, Elektrika, Vol 18, 2019		D	1.00	J	https://doi.org/10.11113/elektrika.v18n3.196

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Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Elgallad, Elaraby Abdou, The Use of Neural Networks for Identity Recognition Through Palm Print and Voting Technique, Phd Thesis, Sudan University of Science and Technology, 2019		D	1.00		http://repository.sustech.edu/handle/123456789/23400
	Althnian, A.; Aloboud, N.; Alkharashi, N.; Alduwaish, F.; Alrshoud, M.; Kurdi, H. Face Gender Recognition in the Wild: An Extensive Performance Comparison of Deep-Learned, Hand-Crafted, and Fused Features with Deep and Traditional Models. Appl. Sci. 2021, 11, 89. https://doi.org/10.3390/app11010089		B	4.00	J	https://doi.org/10.3390/app11010089
29	**Borza D., Nistor S.C., Darabant A.S. (2017) Towards Automatic Skin Tone Classification in Facial Images. International Conference on Image Analysis and Processing - ICIAP 2017, https://doi.org/10.1007/978-3-319-68548-9_28**	3			C	
	KIPS, Robin and TRAN, Loic and MALHERBE, Emmanuel and PERROT, Matthieu, Beyond Color Correction : Skin Color Estimation In The Wild Through Deep Learning, Electronic Imaging, No 5, 2020		D	1.00	J	https://doi.org/10.2352/ISSN.2470-1173.2020.5.MAAP-082
29	**A. S. Darabant, V. Varga and L. Tambulea, "A linear approach to distributed database optimization using data reallocation," 2017 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 2017, pp. 1-6, doi: 10.23919/SOFTCOM.2017.8115503.**	3			C	
	Jia K, Wei Z. Water conservancy monitoring based on visual sensor networks. International Journal of Distributed Sensor Networks. June 2018. doi:10.1177/1550147718779572		C	2.00	J	https://doi.org/10.1177/1550147718779572
	S. M. T. Toapanta, L. E. M. Gallegos, F. G. M. Quimi and J. A. O. Trejo, "Analysis of Efficient Processes for Optimization in a Distributed Database," 2018 International Conference on Computer, Information and Telecommunication Systems (CITS), 2018, pp. 1-5, doi: 10.1109/CITS.2018.8440153		D	1.00	C	https://doi.org/10.1109/CITS.2018.8440153
30	**Darabant A.S., Tambulea L., Varga V. (2017) Access Patterns Optimization in Distributed Databases Using Data Reallocation. International Conference on Database and Expert Systems Applications. DEXA 2017, vol 10438. . https://doi.org/10.1007/978-3-319-64468-4_14**	3			C	
	F. Castro-Medina, L. Rodríguez-Mazahua, M. A. Abud-Figueroa, C. Romero-Torres, L. Á. Reyes-Hernández and G. Alor-Hernández, "Application of data fragmentation and replication methods in the cloud: a review," 2019 International Conference on Electronics, Communications and Computers (CONIELECOMP), 2019, pp. 47-54, doi: 10.1109/CONIELECOMP.2019.8673249		D	1.00	C	https://doi.org/10.1109/CONIELECOMP.2019.8673249

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Castro Medina, Felipe, Aplicación de métodos de fragmentación y replicación de datos en la nube, Msc Thesis, Technical Institute of Orizaba, Mexico, 2019		D	1.00		http://repositorios.orizaba.tecnm.mx:8080/xmlui/handle/123456789/399
31	**Diana Borza, Radu Danescu, Razvan Itu, Adrian Sergiu Darabant, High-speed video system for micro-expression detection and recognition, Sensors MDPI, pp:19, 17 (12), 2913, doi:10.3390/s171229132017, 2017**	4			J	
	J. Li, C. Soladie and R. Seguier, "LTP-ML: Micro-Expression Detection by Recognition of Local Temporal Pattern of Facial Movements," 2018 13th IEEE International Conference on Automatic Face & Gesture Recognition (FG 2018), Xi'an, 2018, pp. 634-641. doi: 10.1109/FG.2018.00100		C	2.00	C	https://ieeexplore.ieee.org/abstract/document/8373893
	J LI, C Soladie, R Séguier, Détection de Micro-expressions par Reconnaissance de Motif Local Temporel de Mouvements Faciaux,https://rfiap2018.ign.fr/sites/default/files/ARTICLES/RFIAP_2018/RFIAP_2018_Li_Detection.pdf		D	1.00	J	https://rfiap2018.ign.fr/sites/default/files/ARTICLES/RFIAP_2018/RFIAP_2018_Li_Detection.pdf
	Carlos Arango Duque. Analysis of Micro-Expressions based on the Riesz Pyramid : Application to Spotting and Recognition. Signal and Image Processing. Université de Lyon, 2018. English. ⟨NNT : 2018LYSES062⟩. PhD Thesis		D	1.00		https://tel.archives-ouvertes.fr/tel-02335434/
	J. Li, C. Soladié, R. Séguier, S. Wang and M. H. Yap, "Spotting Micro-Expressions on Long Videos Sequences," 2019 14th IEEE International Conference on Automatic Face & Gesture Recognition (FG 2019), 2019, pp. 1-5, doi: 10.1109/FG.2019.8756626.		C	2.00	C	https://ieeexplore.ieee.org/abstract/document/8756626
	Dawood Al Chanti, Alice Caplier, ADS-ME: Anomaly Detection System for Micro-expression Spotting, ArXiv 2019		D	1.00	J	https://arxiv.org/abs/1903.04354
	Nortje, A., & Tredoux, C. (2019). How good are we at detecting deception? A review of current techniques and theories. South African Journal of Psychology. https://doi.org/10.1177/0081246318822953		C	2.00	J	https://doi.org/10.1177/0081246318822953
	Pan, X.; Guo, W.; Guo, X.; Li, W.; Xu, J.; Wu, J. Deep Temporal–Spatial Aggregation for Video-Based Facial Expression Recognition. Symmetry 2019, 11, 52.		B	4.00	J	https://doi.org/10.3390/sym11010052
	N. V. Quang, J. Chun and T. Tokuyama, "CapsuleNet for Micro-Expression Recognition," 2019 14th IEEE International Conference on Automatic Face & Gesture Recognition (FG 2019), Lille, France, 2019, pp. 1-7. doi: 10.1109/FG.2019.8756544		C	2.00	C	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8756544&isnumber=8756505
	Li Jingting, Facial Micro-Expression Analysis, PhD Thesis 2019		D	1.00		http://www.theses.fr/2019CSUP0007/document
	Dawood Al Chanti. Automatic Analysis of Macro and Micro Facial Expressions: Detection and Recognition via Machine Learning. Image Processing [eess.IV]. UGA (Université Grenoble Alpes), 2019. English. PhD Thesis		D	1.00		https://hal.univ-grenoble-alpes.fr/tel-02359665

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Pei, J.Y., Shan, P. (2019). A micro-expression recognition algorithm for students in classroom learning based on convolutional neural network. Traitement du Signal, Vol. 36, No. 6, pp. 557-563. https://doi.org/10.18280/ts.360611		D	1.00	J	https://doi.org/10.18280/ts.360611
	P. Choirina and U. D. Rosiani, "Detection and Tracking of Face Location in the Pre-processing Stage of Recognition of Micro Expressions Using the Kanade-Lucas-Tomasi (KLT) Method", JIP, vol. 7, no. 1, pp. 73-78, Dec. 2020. DOI: https://doi.org/10.33795/jip.v7i1.467		D	1.00	J	https://doi.org/10.33795/jip.v7i1.467
	Takalkar, Madhumita Abhijeet, Deciphering True Emotions: Micro-Expression Detection and Recognition using Deep Nets, PhD Thesis, 2020		D	1.00		http://hdl.handle.net/10453/143877
	Christian von der Weth, Ashraf Abdul, Shaojing Fan, and Mohan Kankanhalli. 2020. Helping Users Tackle Algorithmic Threats on Social Media: A Multimedia Research Agenda. In Proceedings of the 28th ACM International Conference on Multimedia, 4425–4434, 202. DOI:https://doi.org/10.1145/3394171.3414692		D	1.00	C	https://doi.org/10.1145/3394171.3414692
	Vera Hijkoop, Haoyu Dong, Zhiping Zhang, Jing-Cai Liu, Anonymous: Fashion Icon to Arouse Debate about Privacy in Public Space, Eindhoven University, http://verahijkoop.nl/wp-content/uploads/2020/06/Anonymous_Hijkoop_Dong_Zhang_Liu.pdf		D	1.00	C	http://verahijkoop.nl/wp-content/uploads/2020/06/Anonymous_Hijkoop_Dong_Zhang_Liu.pdf
	Cen, S.; Yu, Y.; Yan, G.; Yu, M.; Yang, Q. Sparse Spatiotemporal Descriptor for Micro-Expression Recognition Using Enhanced Local Cube Binary Pattern. Sensors 2020, 20, 4437. https://doi.org/10.3390/s20164437		A	8.00	J	https://doi.org/10.3390/s20164437
	Masson, Audrey et al. 'The Current Challenges of Automatic Recognition of Facial Expressions: A Systematic Review'. 1 Jan. 2020 : 113 – 138. DOI: 10.3233/AIC-200631		D	1.00	J	https://content.iospress.com/articles/ai-communications/aic200631
	Su-Jing WangYing HeJingting LiJingting LiXiaolan Fu, MESNet: A Convolutional Neural Network for Spotting Multi-Scale Micro-Expression Intervals in Long Videos, IEEE Transactions on Image Processing, Feb 2021, DOI: 10.1109/TIP.2021.3064258		A*	12.00	J	https://ieeexplore.ieee.org/abstract/document/9392303
	Spinazze P, Aardoom J, Chavannes N, Kasteleyn M The Computer Will See You Now: Overcoming Barriers to Adoption of Computer-Assisted History Taking (CAHT) in Primary Care Journal of Medical Internet Research 2021;23(2):e19306 doi: 10.2196/19306		A*	12.00	J	https://www.jmir.org/2021/2/e19306
	Madhumita A. Takalkar, Selvarajah Thuseethan, Sutharshan Rajasegarar, Zenon Chaczko, Min Xu, John Yearwood, LGAttNet: Automatic micro-expression detection using dual-stream local and global attentions, Knowledge-Based Systems, Vol 212, 2021, 106566, ISSN 0950-7051, https://doi.org/10.1016/j.knosys.2020.106566.		A	8.00	J	https://doi.org/10.1016/j.knosys.2020.106566

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
32	**Borza, DBorza, D., Darabant, A., & Danescu, R., Automatic Skin Tone Extraction for Visagism Applications. VISIGRAPP."Automatic Skin Tone Extraction for Visagism Applications.", Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications, VISAPP, VISIGRAPP (2018)**	3			C	
	KIPS, Robin and TRAN, Loic and MALHERBE, Emmanuel and PERROT, Matthieu, Beyond Color Correction : Skin Color Estimation In The Wild Through Deep Learning, Electronic Imaging, No 5, 2020		D	1.00	J	https://doi.org/10.2352/ISSN.2470-1173.2020.5.MAAP-082
	D. A. Molina, L. Causa and J. Tapia, "Reduction of Bias for Gender and Ethnicity from Face Images using Automated Skin Tone Classification," 2020 International Conference of the Biometrics Special Interest Group (BIOSIG), 2020, pp. 1-5.		D	1.00	C	https://ieeexplore.ieee.org/abstract/document/9211042
	KS Krishnapriya, Michael C. King, Kevin W. Bowyer, Analysis of Manual and Automated Skin Tone Assignments for Face Recognition Applications, ArXiv 2021		D	1.00		https://arxiv.org/abs/2104.14685
33	**Borza D., Ileni T., Darabant A. (2018) A Deep Learning Approach to Hair Segmentation and Color Extraction from Facial Images. In: Blanc-Talon J., Helbert D., Philips W., Popescu D., Scheunders P. (eds) Advanced Concepts for Intelligent Vision Systems. ACIVS 2018. Lecture Notes in Computer Science, vol 11182. Springer, Cham. https://doi.org/10.1007/978-3-030-01449-0_37**	3			C	
	T. Nguyen Canh and H. Nagahara, "Deep Compressive Sensing for Visual Privacy Protection in FlatCam Imaging," 2019 IEEE/CVF International Conference on Computer Vision Workshop (ICCVW), 2019, pp. 3978-3986, doi: 10.1109/ICCVW.2019.00492.		A*	12.00	C	https://doi.org/10.1109/ICCVW.2019.00492
	Alzahrani, T.; Al-Nuaimy, W.: 'Face segmentation based object localisation with deep learning from unconstrained images', IET Conference Proceedings, 2019, p. 9 (47-51), DOI: 10.1049/cp.2019.0247, https://digital-library.theiet.org/content/conferences/10.1049/cp.2019.0247		D	1.00	C	https://doi.org/10.1049/cp.2019.0247
	K. Khan, R. U. Khan, K. Ahmad, F. Ali and K. Kwak, "Face Segmentation: A Journey From Classical to Deep Learning Paradigm, Approaches, Trends, and Directions," in IEEE Access, vol. 8, pp. 58683-58699, 2020, doi: 10.1109/ACCESS.2020.2982970.		A*	12.00	J	https://doi.org/10.1109/ACCESS.2020.2982970
	Ron Mokady, Sagie Benaim, Lior Wolf, Amit Bermano, Mask Based Unsupervised Content Transfer, Arxiv 2020, ICLR 2020		D	1.00	J	https://arxiv.org/abs/1906.06558

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	Feng, X.; Gao, X.; Luo, L. HLNet: A Unified Framework for Real-Time Segmentation and Facial Skin Tones Evaluation. Symmetry 2020, 12, 1812. https://doi.org/10.3390/sym12111812		B	4.00	J	https://doi.org/10.3390/sym12111812
	D. Borza, E. Yaghoubi, J. Neves and H. Proença, "All-in-one "HairNet": A Deep Neural Model for Joint Hair Segmentation and Characterization," 2020 IEEE International Joint Conference on Biometrics (IJCB), 2020, pp. 1-10, doi: 10.1109/IJCB48548.2020.9304904.		C	2.00	C	https://doi.org/10.1109/IJCB48548.2020.9304904
	Yoon, H.-S.; Park, S.-W.; Yoo, J.-H. Real-Time Hair Segmentation Using Mobile-Unet. Electronics 2021, 10, 99. https://doi.org/10.3390/electronics10020099		B	4.00	J	https://doi.org/10.3390/electronics10020099
34	**S. C. Nistor, A. S. Darabant and D. Borza, "Micro-Expressions Detection Based on Micro-Motions Dense Optical Flows," 2018 26th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 2018, pp. 1-7, doi: 10.23919/SOFTCOM.2018.8555833.**	3			C	
	Hasan, Md & Chakrabartry, Rajib & Rahman, Md, False Happy Emotion Detection Using Facial Patches, Journal of Multidisciplinary Engineering Science and Technology Vol 7, ISSN:2458-9403 2020, 2458-9403.		D	1.00	J	http://www.jmest.org/wp-content/uploads/JMESTN42353377.pdf
	Thuong-Khanh Tran, Quang-Nhat Vo, Xiaopeng Hong, Xiaobai Li, Guoying Zhao, Micro-expression spotting: A new benchmark, Neurocomputing, Volume 443, 2021, Pp 356-368,ISSN 0925-2312,https://doi.org/10.1016/j.neucom.2021.02.022		A	8.00	J	https://doi.org/10.1016/j.neucom.2021.02.022
35	**Ileni, T.; Borza, D. and Darabant, A. (2019). Fast In-the-Wild Hair Segmentation and Color Classification. In Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications - Volume 4: VISAPP, ISBN 978-989-758-354-4; ISSN 2184-4321, pages 59-66. DOI: 10.5220/0007250500590066**	3			C	
	H. Benhabiles et al., "Deep Learning based Detection of Hair Loss Levels from Facial Images," 2019 Ninth International Conference on Image Processing Theory, Tools and Applications (IPTA), 2019, pp. 1-6, doi: 10.1109/IPTA.2019.8936122		D	1.00	C	https://doi.org/10.1109/IPTA.2019.8936122
	M. Bharaneedharan, N. Laavanya, D. Sharmila, D. Shrisha, Animal Detection and its Disease Prediction by Neural Network Classifier, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653, Vol 8, 2020		D	1.00	J	http://doi.org/10.22214/ijraset.2020.5280

Perspectiva c) - Impactul Rezultatelor

Nr Crt	Titlu Articol Citat/Lucrare care citeaza	Nr Autori	Cat / Citari	Punctaj	Conf/Journal	Link Articol
	D. Borza, E. Yaghoubi, J. Neves and H. Proença, "All-in-one "HairNet": A Deep Neural Model for Joint Hair Segmentation and Characterization," 2020 IEEE International Joint Conference on Biometrics (IJCB), 2020, pp. 1-10, doi: 10.1109/IJCB48548.2020.9304904.		C	2.00	C	https://doi.org/10.1109/IJCB48548.2020.9304904
		Total		408.85		
		Total A*,A,B		228.20		

Perspectiva d) - Performanta Academica

Cursuri Electronice				Punctaj

Granturi	Rol	Sume(EUR)		Punctaj
CERCETARI PRIVIND MODELAREA SI CONSTRUIREA UNUI SISTEM DE INFORMATII DISTRIBUIT CU PUNCTE MOBILE IN MEDII WIRELESS CU COMUNICARE INTERMITENTA, CNCSIS AT nr 67 , 2006-2007, coord. UNIVERSITATEA BABES BOLYAI, CLUJ-NAPOCA	Director	17000		2
Digital 3D Mapping (TopStereo) – proiect finantat de Institut Geographique Nationale (France) - IGN France . Rezultate – produsul TopStereo – sistem realizare harti digitale in sterescopie prin analiza imaginilor satelitare; (2000-2001)	Director	352000		0
Methods (Techniques) for Efficiently Searching in Spatial Data, UBB, 01/11/2010-01/11/2012, coord. UNIVERSITATEA BABESBOLYAI DIN CLUJ-NAPOCA, contract UBB – NOKIA.	Director	22000		2
SISTEME DE ASISTARE A DECIZIILOR COLABORATIVE ÎN MEDII ACADEMICE - STUDIU DE CAZ UBB, Consorţiu de Excelenţă Intern UBB, coord. UNIVERSITATEA BABESBOLYAI DIN CLUJ-NAPOCA , nr. 2/2005, 2005-2008.	Membru	142857		3
METODE SI MODELE ROBUSTE DE PROCESARE A DATELOR CU APLICATII IN STIINTELE NATURII, 01/01/2007-01/01/2011, coord.UNIVERSITATEA BABES BOLYAI, CLUJ-NAPOCA, PCE Nr 550.	Membru	234266		4
Improving scientific evaluation through analysis of scientific networks, finantator CNDI– UEFISCDI, PN-II-PT-PCCA-2011-3.2-0895 nr. 14/2012, Coordonator Universitatea Babes Bolyai, participare prin partner Epistemio, 2012-2016	Membru	664000		4
Development of high precision measurement tools in optical medicine (2006-2009), contract de cercetare subventionat de Ministere de Finances Franta si ACEP France (Franta), coordonator Tvarita SRL	Director	251000		0
Development of high precision sterescopic measurement tools in optical medicine(2009-2011), contract de cercetare subventionat de Ministere de Finances Franta si ACEP France (Franta), coordonator Tvarita SRL	Director	242000		0
Development of high precision, fixed and mobile sterescopic high resolution measurement tools in optical medicine(2012-2013), contract de cercetare subventionat de Ministere de Finances Franta si ACEP France (Franta), coordonator Tvarita SRL	Director	260900		0
Intelligent facial and eye features extraction and analysis with applications in Medical Optics (2014-2017), contract de cercetare subventionat de Ministere de Finances Franta si ACEP France (Franta), coordonator Tvarita SRL	Director	800000		0
SmartFace- Intelligent 2D and 3D cranio-facial feature extraction and analysis methods (2018-2020), contract de cercetare subventionat de Ministere de Finances si derulat prin Ministère de l'Enseignement Supérieur et de la Recherche Franta, partener ACEP France, coordonator TVARITA SRL.	Director	1,000,000		0
Spaţiu inteligent de agenţi eterogeni şi sensibili la context - SmartHouse, AT CNCSIS, 2007-2008 tema A5 nr. 24/2007, Universitatea Tehnica Cluj Napoca	Membru	50000		2
Sistem hardware multi-agent, AT CNCSIS, 2006, tema AT 178, finantator UEFISCDI, coordonator, Universitatea Tehnica din Cluj Napoca, 2006-2007	Membru	15000		1

Director/Editor reviste	Rol			Punctaj
Romanian Journal of Information (http://romjist.ro/committees.html)	Editor			6
Mathematics (https://www.mdpi.com/journal/mathematics/topic_editors)	Editor			0

Organizare evenimente stiintifice/scoli de vara,etc	Rol			Punctaj
Sesiunea de Comunicari Stiintifice ale Studentilor 2015 - https://www.cs.ubbcluj.ro/scss/	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor2016	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor 2017	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor2018	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor 2019	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor2020	Director			2
Sesiunea de Comunicari Stiintifice ale Studentilor 2021	Director			2

Carti/Capitole Publicate	Categoria	Tip	Autori	Punctaj
Darabant Sergiu Adrian, carte, Proiectarea Bazelor de Data Distribuite, CASA CARTII DE STIINTA , 2009, P. 240	D	Monografie	1	2
Andreica Anca-Mirela, Navroschi Andreea, Bufnea Darius-Vasile, Sterca Adrian-Ioan, Darabant Sergiu Adrian, Vancea Alexandru-Ioan, carte, *Programarea în limbaj de asamblare 80x86. Exemple si aplicatii.*, RISOPRINT , 2005, P. 400	D	Carte	6	0.5

Boian Florian-Mircea, Vancea Alexandru-Ioan, Bufnea Darius-Vasile, Andreica Anca-Mirela, Darabant Sergiu Adrian, Navroschi Andreea, carte, *Arhitectura calculatoarelor. Limbajul de asamblare 80x86*, RISOPRINT , 2005, P. 392	D	Carte	6	0.5
Diana Borza,Sergiu Cosmin Nistor,Adrian Sergiu Darabant, Image Analysis and Processing, Lecture Notes in Computer Science vol 10485, Image Processing, Computer Vision, Pattern Recognition, and Graphics, vol 10485, capitol. Springer, 2017	B	Carte/ capitol	3	4

Profesor/Cercetator visiting	**Top**	**Durata (luni)**		
INRIA Nancy - Universite Henry Poincare (oct 2000 - 30 sept 2001)	1000	12		12
Universitatea Orleans - Faculte De Sciences 26 saptamani	1000	8.125		8

Membru in comisii de indrumare a doctoranzilor				
Membru in comisie indrumare doctorand NIstor Sergiu (Fac. De Matematica si Informatica) UBB				1
Membru in comisie indrumare doctorand ILENI Tudor (Fac. De Matematica si Informatica) UBB				1

Membru in comisii de evaluare a tezelor de doctorat				
Membru in comisie de evaluare doctorand Hajmasan Gheorghe Florin -UTCN -2021 sustinere publica 30.09.2021 (top >500)				0.5

Brevete si inventii active - atestare co-autor a depozitarului atasata	**Autori**	**Depozitar**		Punctaj
METHOD AND SYSTEM FOR THE ON-LINE SELECTION OF A VIRTUAL EYEGLASS FRAME (app no 20100283844) (ACEP-Jean Philippe Sayag, Adrian DARABANT, Benoit GRILLON)	3	Jean Phillipe Sayag		12
METHOD AND DEVICE FOR MEASURING THE CURVE OF A SPECTACLE FRAME (app No 20100231710)	3	Jean Phillipe Sayag		12
DEVICE FOR MEASURING THE ANGLE BETWEEN FAR SIGHT AND NEAR SIGHT ON A PATIENT WEARING SPECTACLES (app No 20100149486)	3	Jean Phillipe Sayag		12

Pachete Software	**Autori**			Punctaj
SmartMirrorMobile- software demasurare optica folosit la nivel europeean in Optica Medica - finantat prin proiectul (*Development of high precision, fixed and mobile sterescopic high resolution measurement tools in optical medicine(2012-2013)) - https://bitbucket.org/asergiu/smmobile-demo/*	3			2
e-Column - intrument hardware si softul de masurare automata PD in Optica medicala (europa) - finantat in cadrul proiectului (*Development of high precision, fixed and mobile sterescopic high resolution measurement tools in optical medicine(2012-2013)*) - https://gitlab.com/asergiu/PDScanner	3			2
TryLive - aplicatie de simulare ochelari in medii de realitate virtuala pe purtator (Europa) - finantat in cadrul proiectului (*Intelligent facial and eye features extraction and analysis with applications in Medical Optics (2014-2017)* - https://gitlab.com/asergiu/qt_eyewear_app	3			2
FaceARG dataset - (Machine Learning)- pachet imagini faciale adnotate pentru antrenare retele CNN deep learning - https://www.cs.ubbcluj.ro/~dadi/FaceARG-database.html	3			2
CelebHair Dataset - dataset pentru antrenarea de arhictecturi CNN pentru segmentarea de par/fete - https://www.cs.ubbcluj.ro/~dadi/face-hair-segm-database.html	3			2
			Total	113.5

Attestation

Je soussigné, Monsieur Jean-Philippe SAYAG, Président de la société ACEP SA, au capital de 241.692.08 Euros, dont le siège social est situé 88 Rue Jouffroy d'Abbans 75017 PARIS et inscrite au RCS de Paris sous le numéro RCS Paris B 395 000 540 atteste que dans le cadre du développement des solutions de prise de mesures Mr Adrian Darabant est co auteur des brevets suivants :

1) METHOD AND SYSTEM FOR THE ON-LINE SELECTION OF A VIRTUAL EYEGLASS FRAME (app no 20100283844) (ACEP-Jean Philippe Sayag, Adrian DARABANT, Benoit GRILLON)

2) METHOD AND DEVICE FOR MEASURING THE CURVE OF A SPECTACLE FRAME (app No 20100231710)

3) DEVICE FOR MEASURING THE ANGLE BETWEEN FAR SIGHT AND NEAR SIGHT ON A PATIENT WEARING SPECTACLES (app No 20100149486)

Fait à Paris le 7 septembre 2017